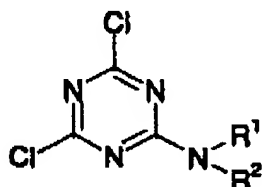


Application No. 09/919,619
 Attorney Docket No. 021123-0281519
 Page 2

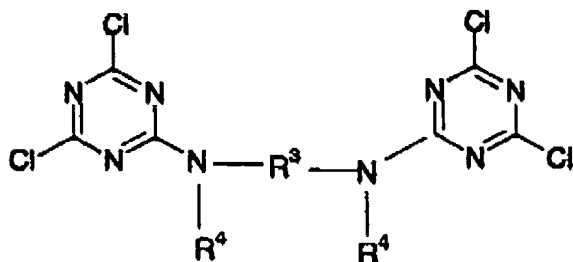
Amendments to the Claims:

The following claims will replace all prior versions of the claims in this application:

1. (Currently amended) A method for the permanent flameproof finishing of cellulose fibers and articles containing cellulose fibers, comprising ~~swelling treating~~ said cellulose fibers or said articles containing cellulose fibers ~~in an alkaline solution under alkaline conditions, during which a swelling of the fibers occurs,~~ and then treating the swollen fibers so produced with a cyanuric chloride derivative in an aqueous-alkaline phase, wherein a 4,6-dichloro-1,3,5-triazine-2-yl amine of formula I or II is used as said cyanuric chloride derivative:



(I)



(II).

wherein:

R¹ and R² are the same or different and are selected from the group consisting of: H; (C₁ - C₆) alkyl; benzyl; phenyl; ω-amino (C₂ - C₆) alkyl; ω-hydroxy (C₂ - C₆) alkyl; - (CH₂)_mSO₂-OH or -(CH₂)_m-COOH, in which m is 1 or 2, as well as their amides; -(CH₂)_n-P(O)(OR')₂ in which n = 1, 2 or 3 and R' = H, CH₃ or C₂H₅; o-, m- or p-C₆H₄-SO₂NH₂; and o-, m- or p-C₆H₄-N(CH₃)₃⁺; or R¹ and R² together form an ethylene-, trimethylene- or bismethylene imino group;

400313255v1

Application No. 09/919,619
Attorney docket no. 021123-0281519
Page 3

R^3 in formula II is selected from the group consisting of: para- or meta-phenylene; 1,4-, 1,3- or 2,6-naphthylene; $(C_2 - C_6)$ alkylene; $-C_2H_4-NH-C_2H_4-$; $C_2H_4-NH-C_2H_4-NH-C_2H_4-$; $C_2H_4-O-C_2H_4-$; and $C_6H_4-NHCONH-C_6H_4-$; and

R^4 is selected from the group consisting of: H; $(C_1 - C_3)$ alkyl; aminoethyl; and aminopropyl; or both R^4 groups together form ethylene or propylene; and wherein

the 4,6-dichlorotriazinyl amine compound is used in an amount between 20 to 80% by wt. relative to the cellulose.

2. (Previously presented) The method according to claim 1, wherein said 4,6-dichloro-1,3,5-triazine-2-yl amine is selected from the group consisting of 2-amino-4,6-dichlorotriazine; 2-aminoethylamino-2,4-dichlorotriazine; 2-(p-benzenesulfonamide-amino)-4,6-dichlorotriazine; a salt of 2-(p-trimethylammonium-benzene-amino)-4,6-dichlorotriazine; bis-N,N'-(4,6-dichloro-triazine-2-yl)-p-phenylene diamine; bis-N,N'-4,6-dichlorotriazine-2-yl)-(C₂ to C₄) alkene diamine; and bis-(4,6-dichlorotriazine-2-yl)-aminoethylphosphonate.

3. (Original) The method according to either claim 1 or 2, characterized in that the cellulose fiber is a cotton or viscose fiber and that it is in the form of a flock, yarn, textile fabric or fleece.

4-5 (Cancelled).

6. (Previously presented) The method of claim 1, wherein said at least one 4,6-dichlorotriazinyl amine compound is used in an amount corresponding to a nitrogen content of 3 to 7% by wt. relative to the finished cellulose.

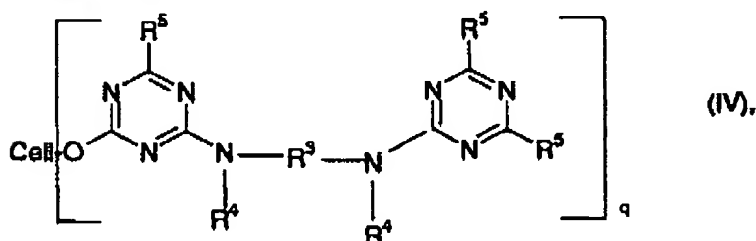
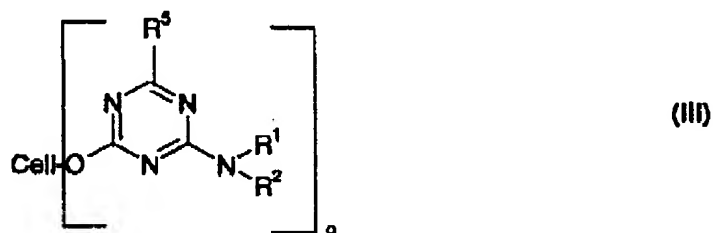
7. (Original) The method of either claim 1 or claim 2, wherein before, during or after the flameproof finishing with a dichlorotriazinyl amine compound, said cellulose is additionally finished with a phosphorus-containing compound and wherein the phosphorus content during the additional finishing is at least 1% by wt. relative to said cellulose.

400313255v1

Application No. 09/919,619
 Attorney docket no. 021123-0281519
 Page 4

8. (Previously presented) The method of claim 7, wherein said phosphorus-containing compound is selected from the group consisting of dialkylphosphonocarboxylic acid amides and their N-methylol compounds; phosphonates; tetrahydroxymethylphosphonium salts; phosphates; and phosphorus-containing triazinyl amino compounds; wherein said phosphorous-containing compound binds to the cellulose either alone or in the presence of urea or of a source of formaldehyde.

9. (Previously presented) Cellulose fibers finished in a permanently flameproof manner and articles containing these cellulose fibers, characterized by amino-s-triazine compounds bound to glucose units of the cellulose via ether bridges and by the structure of formula III or IV:



wherein:

R^1 and R^2 are the same or different and are selected from the group consisting of: H; $(C_1 - C_6)$ alkyl; benzyl; phenyl; ω -amino $(C_2 - C_6)$ alkyl; ω -hydroxy $(C_2 - C_6)$ alkyl; $-(CH_2)_mSO_2-OH$ and $-(CH_2)_m-COOH$, in which m is 1 or 2, as well as their amides; $-(CH_2)_n-P(O)(OR')_2$ with $n = 1, 2$ or 3 and $R' = H, CH_3$ or C_2H_5 ; o -, m - or p - $C_6H_4-SO_2NH_2$; and o -, m - or p - $C_6H_4-N(CH_3)_3^+$; or R^1 and R^2 together form an ethylene-, trimethylene- or bismethylene imino group;

400313255v1

Application No. 09/919,619
Attorney docket no. 021123-0281519
Page 5

R^3 in formula IV is selected from the group consisting of: para- or meta-phenylene; 1,4-, 1,3- or 2,6-naphthylene; $(C_2 - C_6)$ alkylene; $-C_2H_4-NH-C_2H_4-$; $C_2H_4-NH-C_2H_4-NH-C_2H_4-$; $C_2H_4-O-C_2H_4-$; and $C_6H_4-NHCONH-C_6H_4-$;

R^4 is selected from the group consisting of: H; $(C_1 - C_3)$ alkyl; aminoethyl; and aminopropyl; or both R^4 groups together form ethylene or propylene; and

R^5 in formulas III and IV is selected from the group consisting of: Cl; OH; Ocell in which cell is an anhydroglucose unit of cellulose; and OR^6 , or NHR^6 in which R^6 standing for a dye group;

and wherein q is the average degree of substitution per glucose unit and is 1 to 3, and the amino-s-triazine compounds are used in an amount between 20 to 80% by wt. relative to the cellulose.

10. (Cancelled).

11. (Previously presented) The finished cellulose fibers of claim 9, wherein said cellulose fibers are in an article selected from the group consisting of: yarn; a fleece; and a sheet.

12. (Cancelled).

13. (Previously presented) The finished cellulose fibers of claim 9, wherein said finished cellulose fibers have a nitrogen content of 2 to 7% by wt.

14. (Previously presented) The finished cellulose fibers of any one of claims 9 or 13, wherein said cellulose fibers additionally contain a bound phosphorus compound.

15. (Previously presented) The finished cellulose fibers of claim 14, wherein said fibers have a nitrogen content in the range of 1 to 7 % by wt. and a phosphorus content in the range of 1 to 7% by wt.

16. (Previously presented) The finished cellulose fibers of any one of claims 9 or 13, wherein said fibers have an LOI value of at least 22.

400313255v1

Application No. 09/919,619
Attorney docket no. 021123-0281519
Page 6

17. (Original) The finished cellulose fibers of claim 16, wherein said LOI value is greater than 25.

18. (Previously presented) The method of claim 1, wherein said at least one 4,6-dichlorotriazinyl amine compound is used in an amount corresponding to a nitrogen content of at least 2% by wt. relative to the finished cellulose.

19. (Previously presented) The finished cellulose fibers of claim 9, wherein said finished cellulose fibers have a nitrogen content of at least 1% by wt.

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